IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electronic device, comprising:

a first wireless transceiver module using a first communication protocol;

a second wireless transceiver module using a second communication protocol, the second wireless transceiver module comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol; and

a mediator coupled between the first wireless transceiver module and the second wireless transceiver module, the mediator being arranged to provide the controller with a blocking signal to block the second wireless transceiver module in response to an enabled communication involving the first wireless transceiver

module.

2.(Currently Amended) ~~An~~ The electronic device as claimed in claim 1, wherein the controller implements at least a part of a carrier sense multiple access-collision avoidance principle.

3.(Currently Amended) ~~An~~ The electronic device as claimed in claim 1, wherein the first wireless transceiver module and the second wireless transceiver module share at least a part of a physical layer.

4.(Currently Amended) ~~An~~ The electronic device as claimed in claim 1, wherein the mediator is arranged to provide the blocking signal during a time interval matching the duration of the enabled communication.

5.(Currently Amended) ~~An~~ The electronic device, as claimed in claim 1, wherein the first wireless transceiver module comprises a further controller for avoiding an interference with a further

external signal on a frequency of the first communication protocol;

the mediator being further arranged to provide the further controller with a further blocking signal in response to a further enabled communication involving the second wireless transceiver module.

6. (Currently Amended) A method for controlling communications involving a communication system, the communication system comprising:

a first wireless transceiver module using a first communication protocol;

a second wireless transceiver module using a second communication protocol, the second wireless transceiver module comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol;

the method comprising the ~~steps~~ acts of:

detecting an enabled communication involving the first wireless transceiver module; and

providing the controller with a blocking signal to block the second wireless transceiver module in response to the enabled communication.

7. (Currently Amended) A communication system, comprising:

a wired network;

a first wireless transceiver module coupled to the wired network using a first communication protocol for communicating with a first external device;

a second wireless transceiver module coupled to the wired network using a second communication protocol for communicating with a second external device, the second wireless transceiver module comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol; and

a mediator coupled to the first wireless transceiver module and the second wireless transceiver module for providing the controller with a blocking signal to block the second wireless transceiver module in response to an enabled communication

involving the first wireless transceiver module.

8. (Currently Amended) ~~A~~ The communication system as claimed in claim 7, wherein the mediator is coupled to the controller via the wired network.

9. (Currently Amended) ~~A~~ The communication system as claimed in claim 7, wherein the first wireless transceiver module comprises a further controller for avoiding an interference with a further external signal on a frequency of the first communication protocol; and

the mediator is arranged to provide the further controller with a further blocking signal responsive to a further enabled communication involving the second wireless transceiver module.

10. (Currently Amended) ~~A~~ The communication system as claimed in claim 7, wherein the first transceiver module and the second transceiver module share at least a part of a physical layer.

11. (New) The electronic device of claim 1, wherein the mediator is configured to observe commands from the first wireless transceiver module to a physical layer.

12. (New) The electronic device of claim 1, wherein the mediator is coupled to a communication channel between the first wireless transceiver module and a physical layer.

13. (New) The electronic device of claim 12, wherein the physical layer is shared between the first wireless transceiver module and the second wireless transceiver module.

14. (New) The electronic device of claim 1, wherein the blocking signal is fed into a received signal strength indication channel of the controller.

15. (New) The electronic device of claim 14, wherein the blocking signal has a signal strength exceeding a threshold of a collision avoidance protocol of the second wireless transceiver

module.

16.(New) The method of claim 6, wherein the detecting step includes observing commands from the first wireless transceiver module to a physical layer.

17.(New) The method of claim 16, wherein the physical layer is shared between the first wireless transceiver module and the second wireless transceiver module.

18.(New) The method of claim 6, wherein the providing step includes feeding the blocking signal into a received signal strength indication channel of the controller.

19.(New) The method of claim 18, wherein the blocking signal has a signal strength exceeding a threshold of a collision avoidance protocol of the second wireless transceiver module.

20.(New) The communication system of claim 7, wherein the

mediator is configured to observe commands from the first wireless transceiver module to a physical layer.

21.(New) The communication system of claim 7, wherein the mediator is coupled to a communication channel between the first wireless transceiver module and a physical layer.

22.(New) The communication system of claim 21, wherein the physical layer is shared between the first wireless transceiver module and the second wireless transceiver module.

23.(New) The communication system of claim 7, wherein the blocking signal is fed into a received signal strength indication channel of the controller.

24.(New) The communication system of claim 23, wherein the blocking signal has a signal strength exceeding a threshold of a collision avoidance protocol of the second wireless transceiver module.